



Wind Energy Development

South Dakota

Public Utilities Commission

Dusty Johnson
Gary Hanson
Steve Kolbeck

July 31, 2007
Toronto, S.D.

Part One
Wind Basics

Wind Power

You need 4 basic ingredients:

1. 'Good' Wind
2. Buyer for Electricity
3. Transmission Capacity
4. Investment Capital

Wind Challenges

1. Intermittency (time of day)
2. Intermittency (time of year)
3. Tough to forecast
4. Cost can be an issue

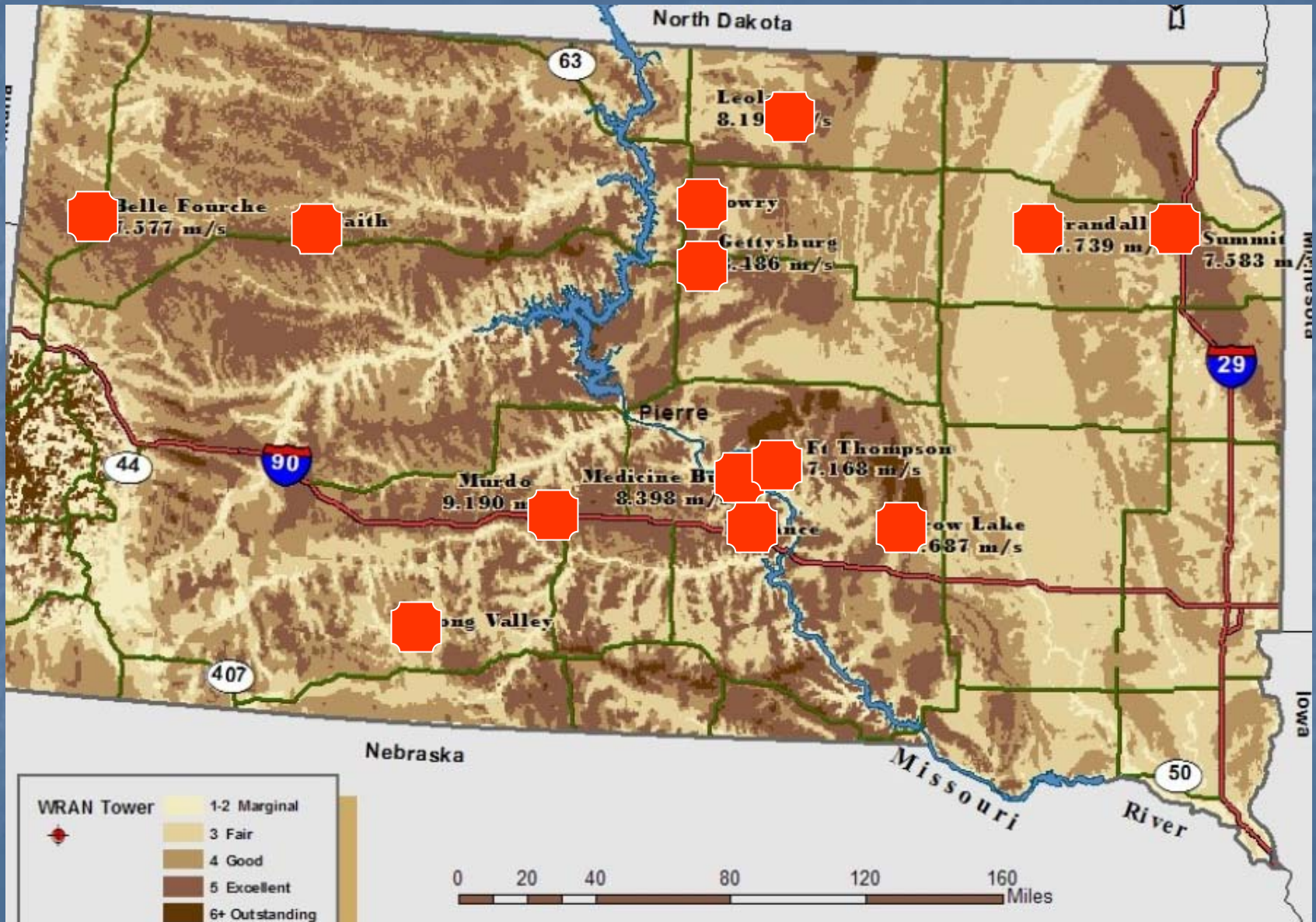
Part Two

Recent Developments

State Efforts

1. Tax breaks
2. Expedited siting
3. Transmission cost recovery
4. MRETS
5. Energy Infrastructure Authority
6. WRAN

Wind Resource Assessment Network



**Wind Energy Development Meeting
Deubrook Area Elementary School, Toronto, S.D.
7 p.m., July 31, 2007**

AGENDA

Welcome - South Dakota Public Utilities Commission Chairman Dusty Johnson

Wind Energy Overview and Update -
South Dakota Public Utilities Commissioners Johnson, Gary Hanson and Steve Kolbeck

DEVELOPER UPDATES:

Navitas Energy – Doug Copeland

**Consolidated Power Producers Corp./Cimarron Light & Power
Systems** – James A. Schaeffer

Northern Wind LLC – Bob Narem

SummitWind LLC – Jim Newcomb

PPM Energy – Tim Seck

enXco – Ian Krygowski

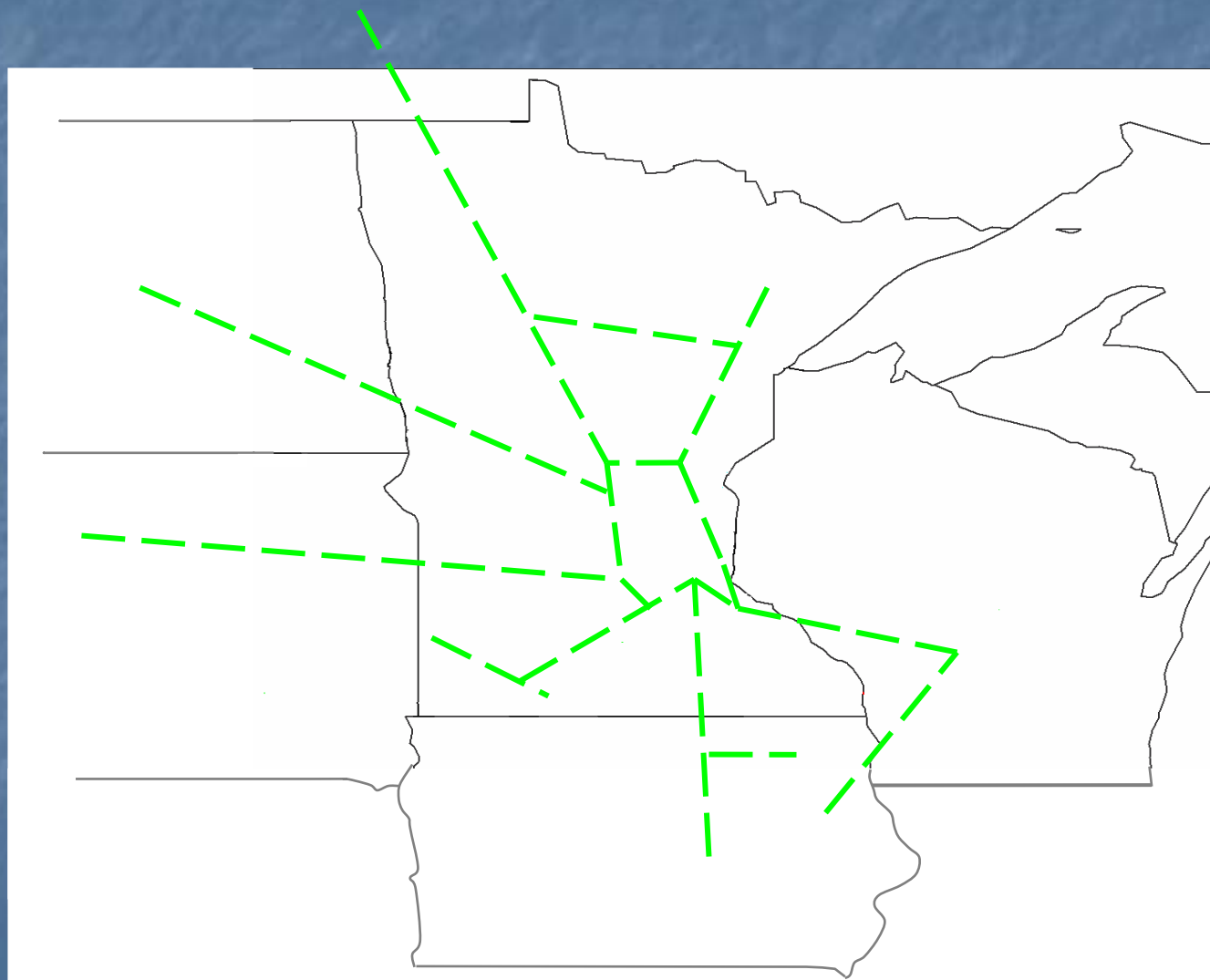
FPL Energy – Scott Scovill

Audience Questions - All Presenters

Other Developments

1. Other state mandates
2. National legislation
3. Rising cost of fuel
4. Transmission cooperation (slide)
5. Siting concerns (slide)

CAPX 2020



1. STUDY

There is capacity on existing lines.

2. PLAN

Build to enable 2,400 MW of new renewables

Part Three

Results

Siting Concerns

- Cultural
 - Environmental
 - Aesthetics
-
- State response – formation of Tower Siting Work Group

Results

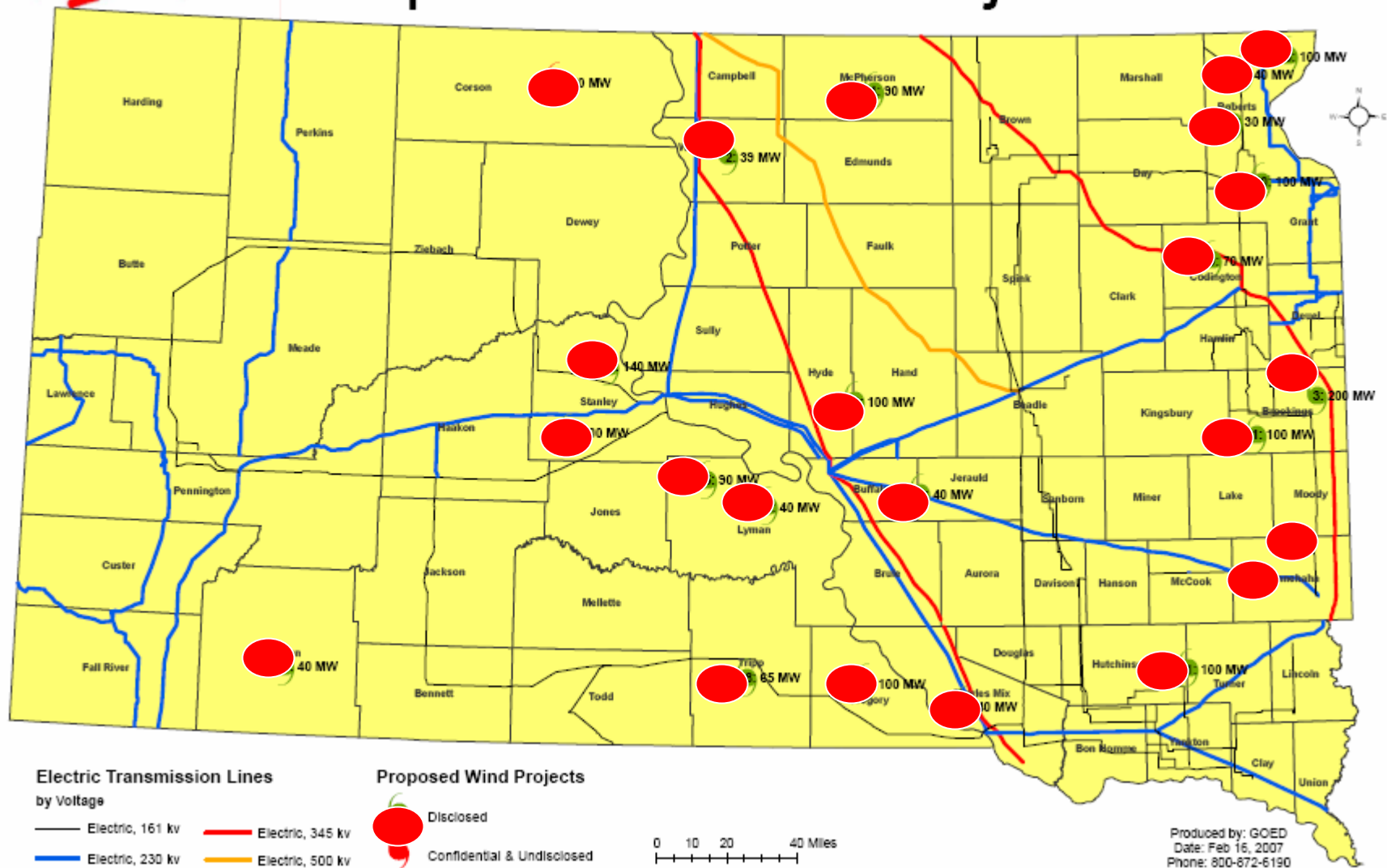
Transmission

- Grant County, Brookings County (approved)
- Minnehaha County (pending)
- More than a 1000 MW of excess capacity

Wind Power

- Likely – Brookings (two), McPherson, Jerauld
- Proposed – Minnehaha, Grant, Codington, many others

South Dakota Proposed Wind Projects



Part Four

What Can You Do?

What Can You Do?

POLICY

- Support federal extension of PTC
- Help us think about how to address small wind, community-based wind

LANDOWNER

- Provide us your property information
- Be careful before you sign anything
- Feel free to contact the PUC

Other Resources

- www.windustry.org
- www.awea.org
- www.WindPoweringAmerica.gov
- www.SDWind.com
- www.puc.sd.gov



THANK YOU!

Commissioners Johnson, Hanson and Kolbeck

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www.puc.sd.gov

1-800-332-1782



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